

## CLAIMS

1. A color specification method for displaying colors using values including:

5 a cyan color specification value for displaying the cyan density as a numeric value from 0 to 100% with transparency as a reference;

a magenta color specification value for displaying the magenta density as a numeric value from 0 to 100% with transparency as a reference;

10 a yellow color specification for displaying the yellow density as a numeric value from 0 to 100% with transparency as a reference; and

a white color specification value for displaying the white density as a numeric value from 0 to 100% with transparency as a reference.

15 2. A color column structure for displaying colors comprising:

a cyan color specification value display column for displaying the cyan density as a numeric value from 0 to 100% with transparency as a reference;

20 a magenta color specification value display column for displaying the magenta density as a numeric value from 0 to 100% with transparency as a reference;

a yellow color specification value display column for displaying the yellow density as a numeric value from 0 to 100% with transparency as a reference; and

25 a white color specification value display column for displaying the white density as a numeric value from 0 to 100% with transparency as a reference.

3. A color chart comprising:

30 a hue color chart including a plurality of first color specification

plates each using an X axis and a Y axis representing coordinate axes orthogonal to each other with density of two of the colors among cyan, magenta, and yellow varied in a range from 0 to 100 %, and each displaying mixed colors of the two colors on an orthogonal coordinate plane of the X axis and Y axis, the plurality of first color specification plates being arranged so that original points in form of crossing points of the X axis and the Y axis of the plurality of first color specification plates are arranged along a variation of density of a remaining one color of the colors among cyan, magenta, and yellow in a range from 0 to 100 %; and

a value color chart including a second color specification plate that displays white as a single color with the white density varied in a range from 0 to 100 % with transparency as a reference,

wherein the color chart makes it possible to observe colors with the second color specification plate of the value color chart overlaid over each of the first color specification plates of the hue color chart.

4. A color chart according to claim 3, wherein each of the first color specification plates has a two dimensional grid form in suitable unit quantity increments of the X axis and the Y axis, and while also displaying each one of the mixed colors for each of divisions of the grid form, and wherein the second color specification plate has a one dimensional division form in suitable unit quantity increments, and a single color of each single white is displayed on each division.